

APPLICATION FOR PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office OCT 15 1981

Returned to applicant for correction

Corrected application filed

Map filed OCT 15 1981 under 44643

The applicant Geothermal Food Processors, Inc.

Post Office Box 768, of Fernley,
Street and No. or P.O. Box No. City or Town

Nevada (89408), hereby make application for permission to appropriate the public
State and Zip Code No.

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) State of Nevada - July 12, 1976

1. The source of the proposed appropriation is Earth Energy No. 1 - Underground
Name of stream, lake, spring, underground or other source

2. The amount of water applied for is 5 second-feet
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet

3. The water to be used for Industrial
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

(a) Irrigation, state number of acres to be irrigated:

(b) Stockwater, state number and kinds of animals to be watered:

(c) Other use (describe fully under "No. 12. Remarks")

(d) Power:

(1) Horsepower developed

(2) Point of return of water to stream

5. The water is to be diverted from its source at the following point: in the SE¼ NW¼ Section 12, T22N,
Describe as being within a 40-acre subdivision of public
R26E, M.D.M., or at a point from which the West ½ corner of said Section 12
survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.
bears S. 70° 39' 45" W. a distance of 2,107.9 feet.

6. Place of use 160 Acres - NE¼ NW¼, SE¼ NW¼, SW¼ NW¼, NE¼ SW¼, Section 12, T22N,
Describe by legal subdivision. If on unsurveyed land, it should be so stated.
R26E, M.D.M.

7. Use will begin about January 1 and end about December 31, of each year.
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Drill Geothermal Well to a depth of 600
State manner in which water is to be diverted, i.e. diversion structure, ditches and
to 3000 feet with 12-inch casing, install pump and pipelines.
flumes, drilled well with pump and motor, etc.

9. Estimated cost of works \$200,000

10. Estimated time required to construct works.....Two Years
If well completed, describe works.
11. Estimated time required to complete the application of water to beneficial use.....Seven Years

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

This application is made to expand the food processing plant by adding three more dehydration units at a cost of six million dollars each. Also use for power generation. This Geothermal water will be commingled with other Geothermal wells. Ninety-five percent of the water will be recharged back into the ground water system. The estimated withdrawal for this well is 3619 acre feet per year.
The estimated consumptive use is 181 acre feet per year.

By S/Richard W. Arden
Richard W. Arden, Agent
950 Industrial Way, Sparks, Nevada (89431)

Compared bc/bl bt/bc

Protested

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level. If the well is flowing, a valve must be installed and maintained to prevent waste. Accurate measurements must be kept of water placed to beneficial use. The State retains the right to regulate the use of the water herein granted at any and all times.
This permit is to appropriate geothermal fluids only and all cold, fresh water aquifers are to be sealed off to prevent waste and contamination.
The used Geothermal fluids are to be returned to the source.
This permit is further issued subject to the condition that the power or energy generated by the beneficial use of this water or steam is subject to recapture and use within the boundaries of the State of Nevada when the need arises.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 5 cubic feet per second, and not to exceed a consumptive use of 181 acre-feet yearly.

Work must be prosecuted with reasonable diligence and be completed on or before February 1, 1983

Proof of completion of work shall be filed before March 1, 1983

Application of water to beneficial use shall be made on or before February 1, 1988

Proof of the application of water to beneficial use shall be filed on or before March 1, 1988

Map in support of proof of beneficial use shall be filed on or before

Completion of work filed
Proof of beneficial use filed
Cultural map filed

IN TESTIMONY WHEREOF, I PETER G. MORROS
State Engineer of Nevada, have hereunto set my hand and the seal of
my office, this 1st day of FEBRUARY

Certificate No. Issued

CANCELLED 21 NOV 22 1988
OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT
STATE ENGINEER

A.D. 19 82
State Engineer